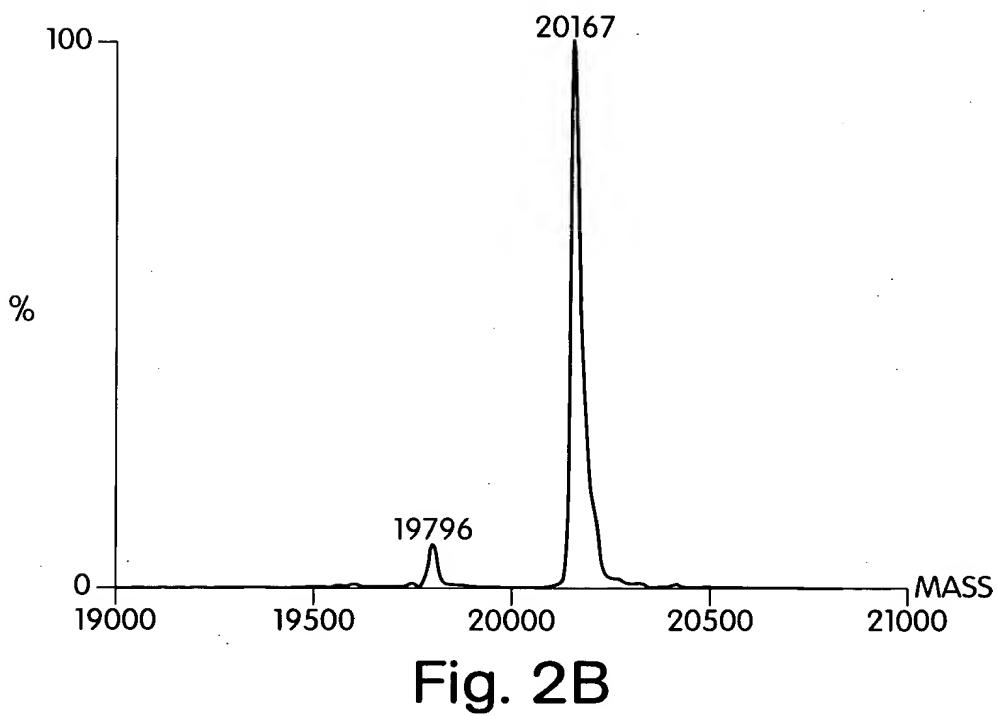
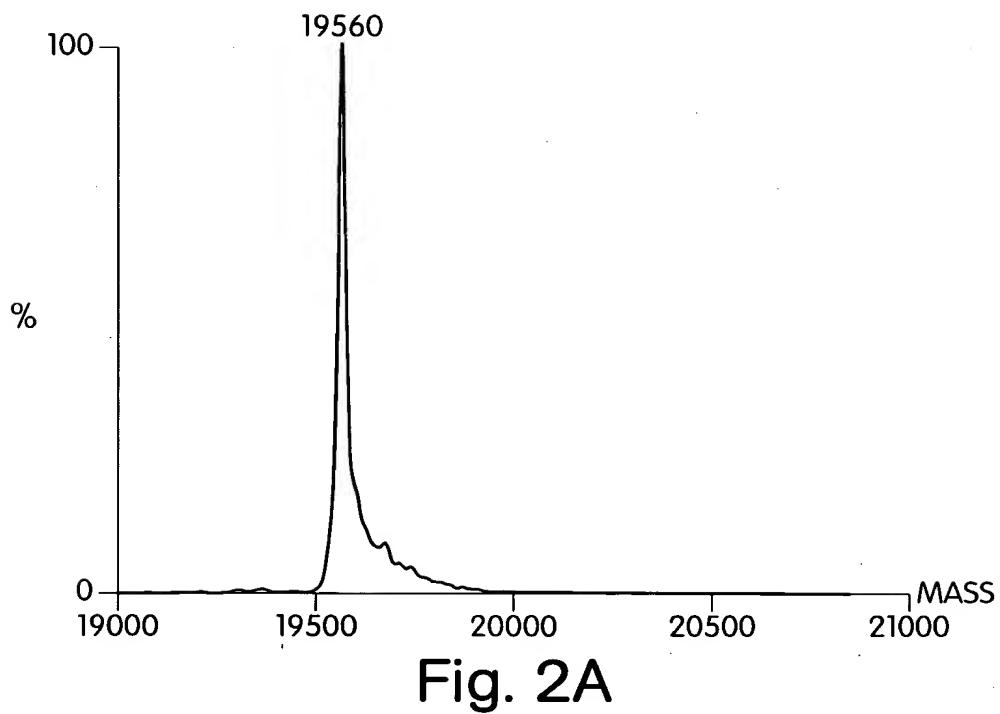


Fig. 1

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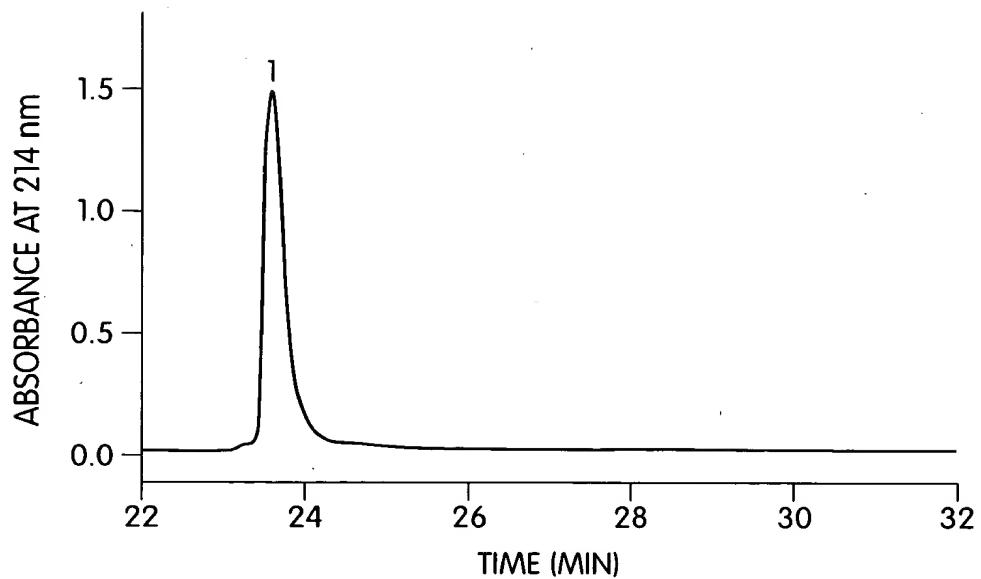


Fig. 3A

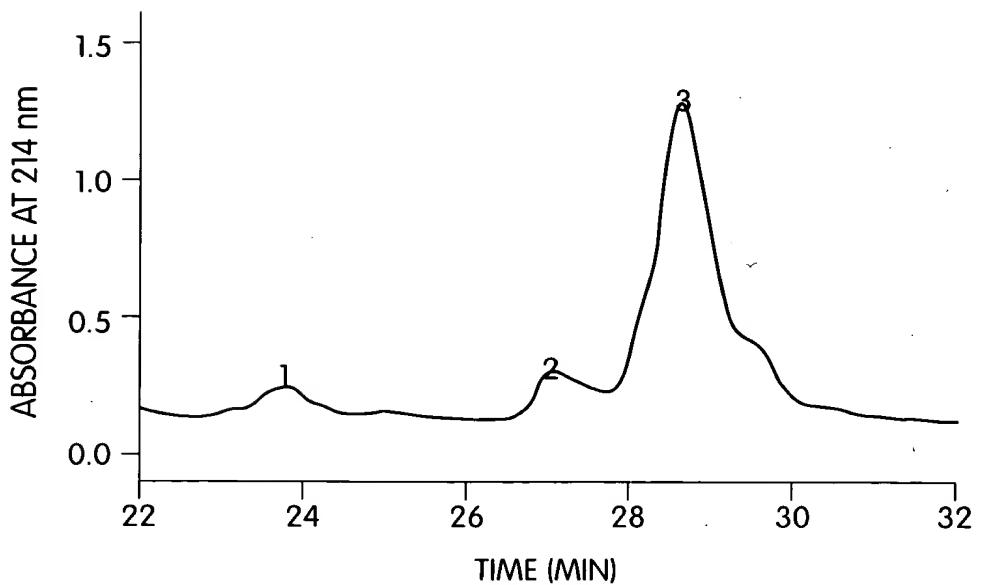


Fig. 3B

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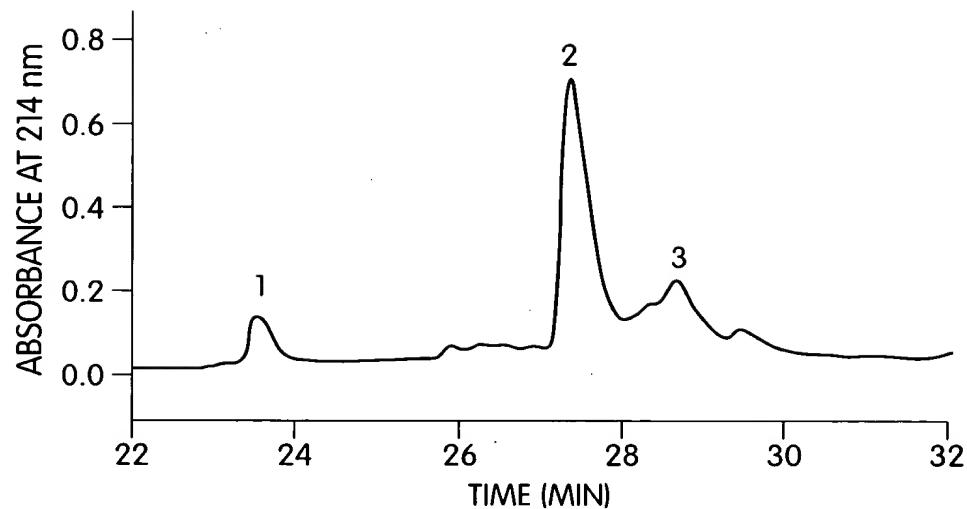


Fig. 3C

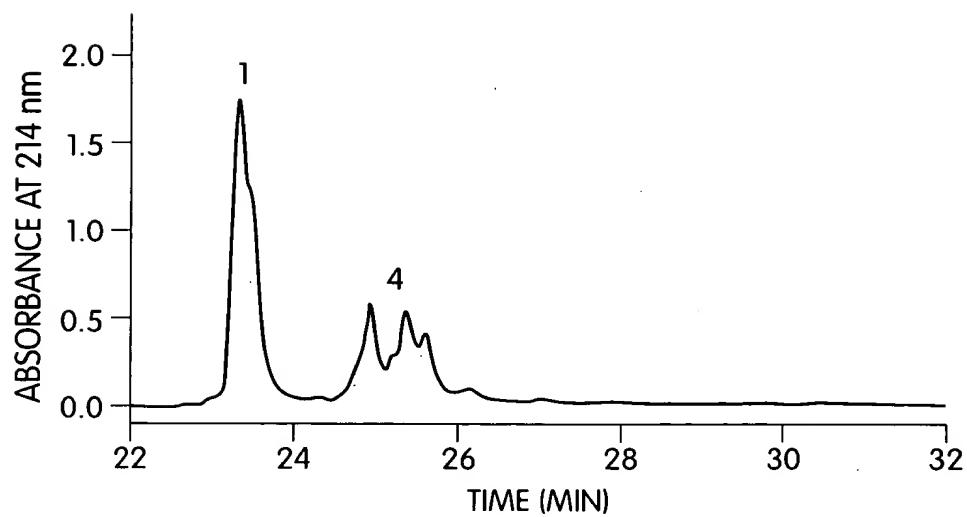


Fig. 3D

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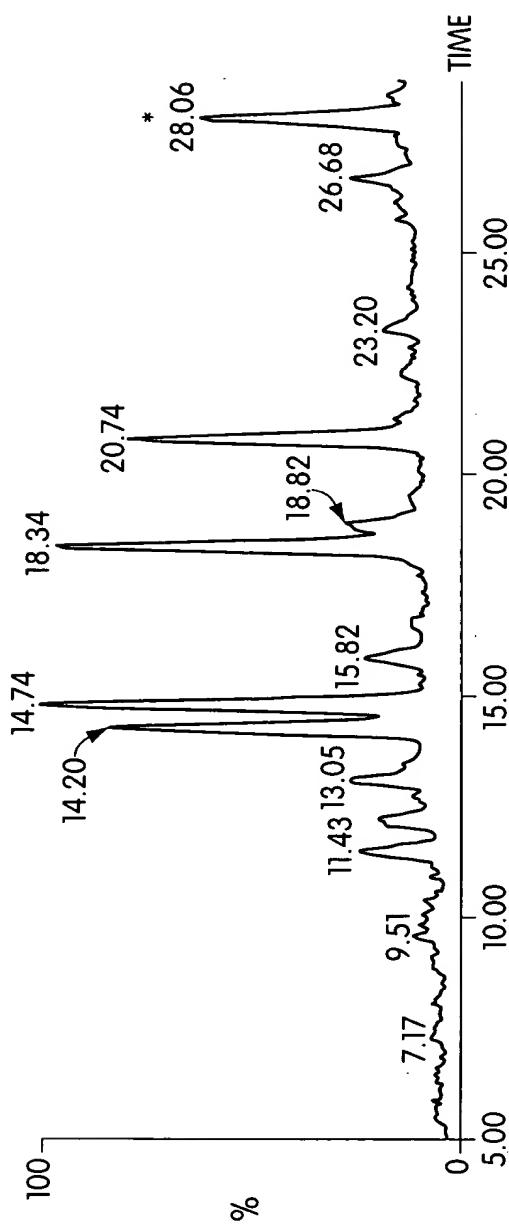


Fig. 4A

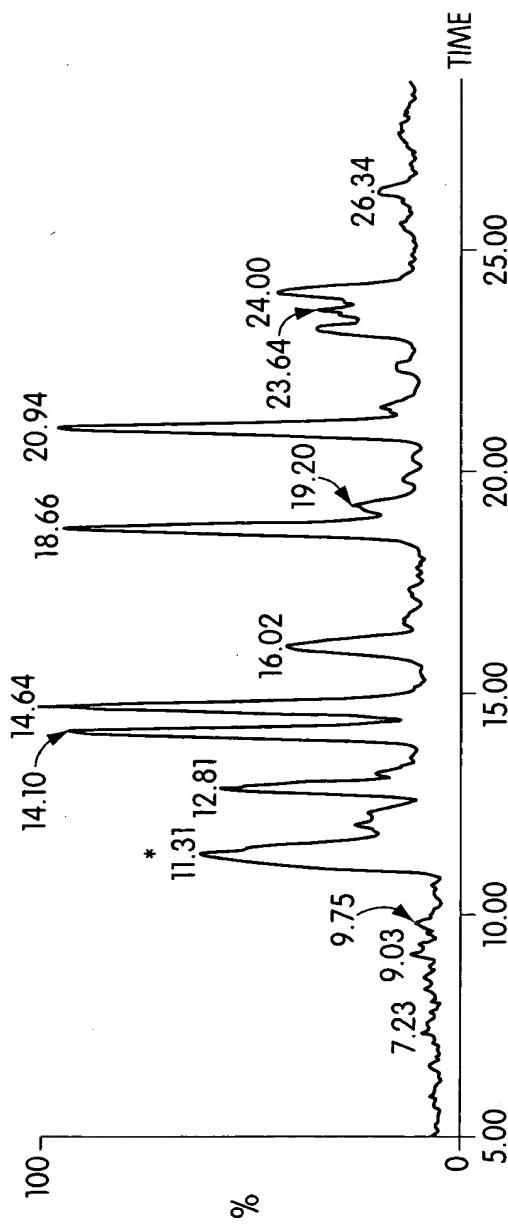


Fig. 4B

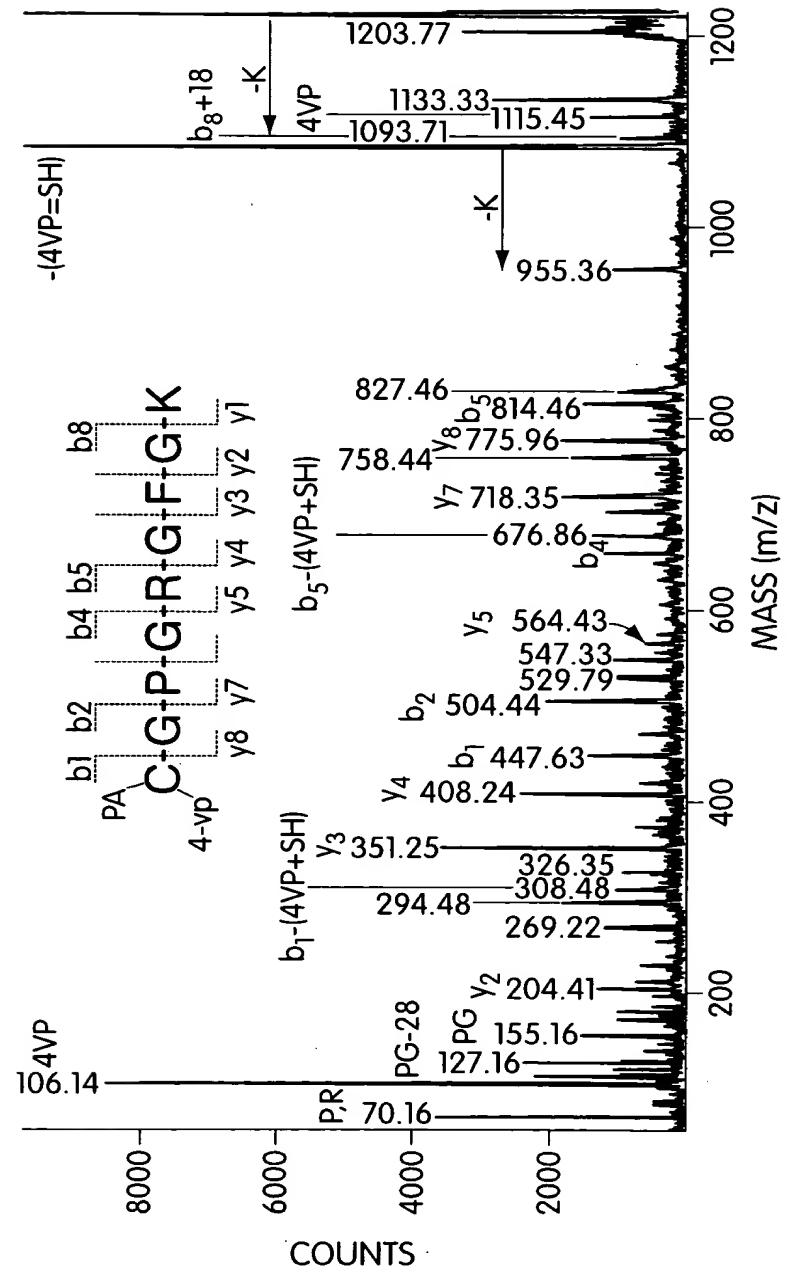


Fig. 5

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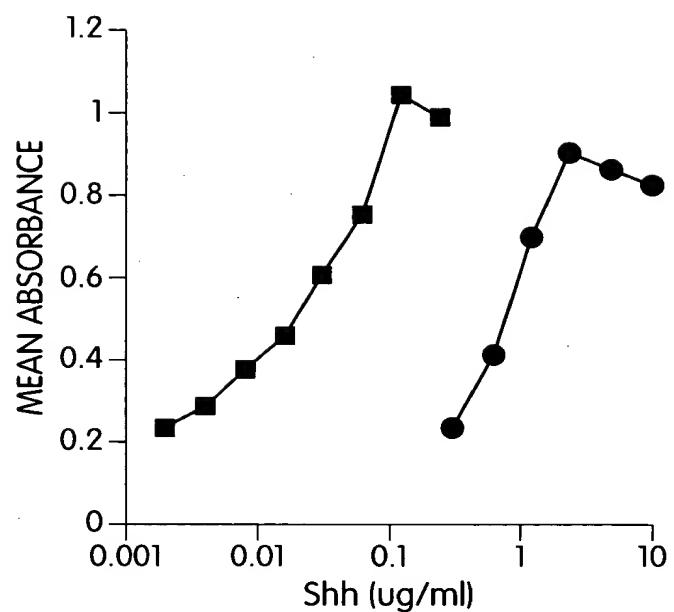


Fig. 6A

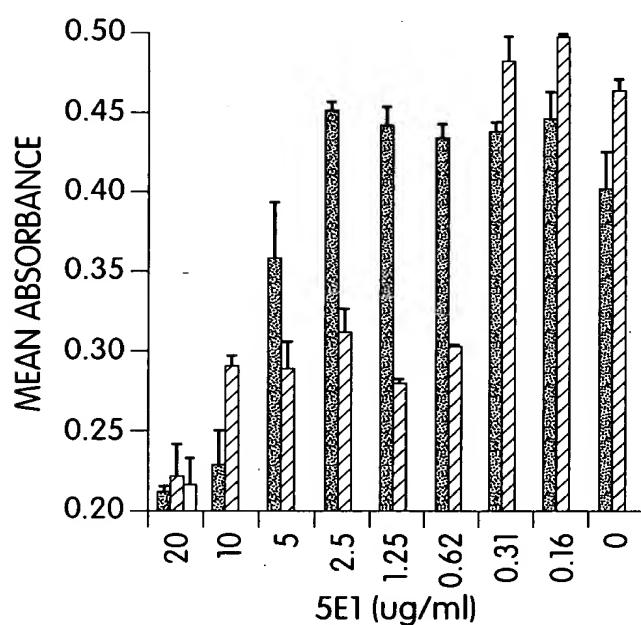


Fig. 6B

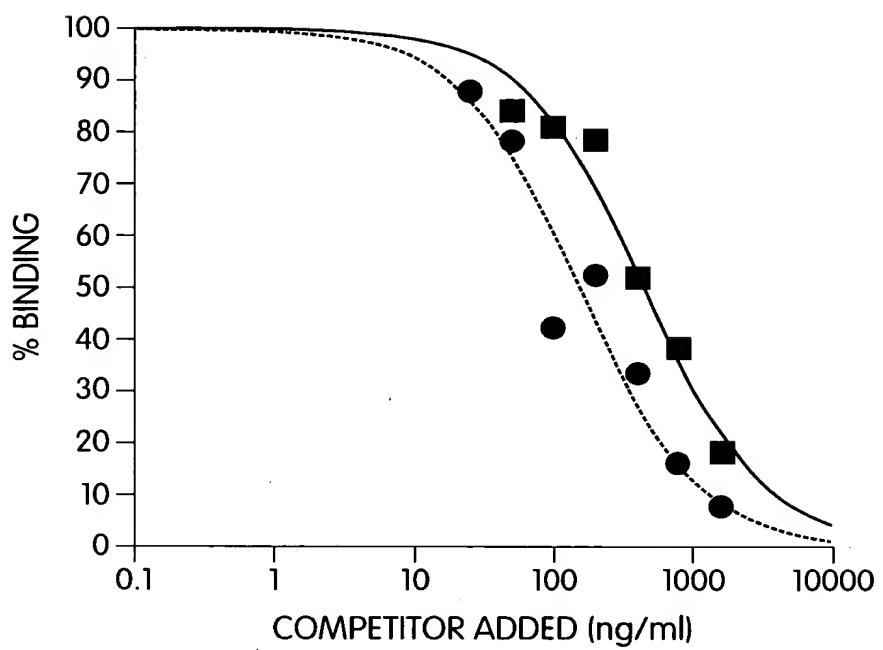


Fig. 7

	1	50	
Indian	CGPGRVVGSR RRPPRK-LVP LAYQFSPNV PEKTLGASGR YEGKIARSSE		
Sonic	CGPGRGFG-K RRHPKK-LTP LAYQFIPNV AEKTLGASGR YEGKISRNE		
Desert	CGPGRGPVGR RRYARKQLVP LLYKQFVPGV PERTLGASGP AEGRVARGSE		
	51	100	
Indian	RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDRLNSLAI SVMNQWPGVK		
Sonic	RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDKLNALAI SVMNQWPGVK		
Desert	RFRDLVPNYN PDIIFKDEEN SGADRLMTER CKERVNALAI AVMNMWPGVR		
	101	150	
Indian	LRVTEGWDED GHHSSEESLHY EGRAVDITTS DRDRNKYGLL ARLAVEAGFD		
Sonic	LRVTEGWDED GHHSSEESLHY EGRAVDITTS DRDRSKYGML ARLAVEAGFD		
Desert	LRVTEGWDED GHHAQDSLHY EGRALDITTS DRDRNKYGLL ARLAVEAGFD		
	151	176	
Indian	WVYYESKAHV HCSVKSEHSA AAKTGG	SEQ ID NO: 1	
Sonic	WVYYESKAHI HCSVKAENSV AAKSGG	SEQ ID NO. 2	
Desert	WVYYESRNHV HVSVKADNSL AVRAGG	SEQ ID NO. 3	

Gap(s), indicated by -, added to facilitate alignment

Fig. 8

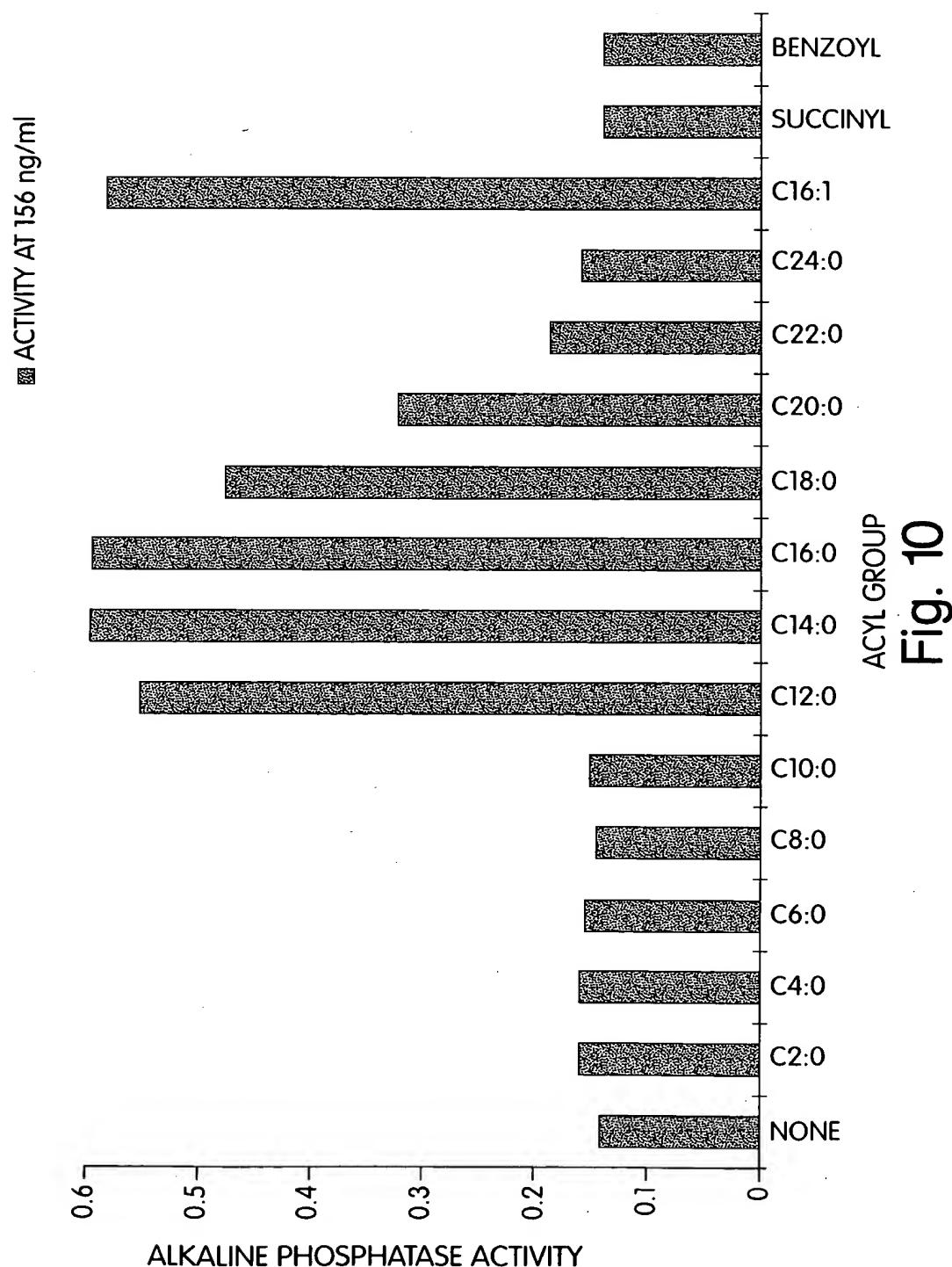
1	RR _{x6} x ₇ x ₈ ^K x ₉ L _{x10} ^P L _{x11} YKQF _{x12} ^P x ₁₃ V x ₁₄ EKTLGASGR	40			
CGPGR _{x1} x ₂ x ₃ x ₄ x ₅	x ₁₅ EGK _{x16} x ₁₇ R _{x18} SE	R _{x19} L _{x20} PNYN	PDIIFKDEEN	x ₂₁ GADRLMT _{x22} ^R	80
CK _{x23} x ₂₄ x ₂₅ NSLAI	x ₂₆ VMN _{x27} WPGVK	LRVTEGWDED	GHH _{x28} x ₂₉ x ₃₀ SLHY	120	
EGRAVDITTS	DRDR _{x31} KYG _{x32} L	ARLAVEAGFD	WVYYES _{x33} x ₃₄ H _{x35}	160	

176
H_{x36}SVK_{x37} x₃₈ x₃₉S_{x40} AA_{x41} x₄₂GG

Where:

X₁ is either V or G;
 X₂ is either V, F or P;
 X₃ is either G or V;
 X₄ is either S or G;
 X₅ is either R or K;
 X₆ is either P, H or Y;
 X₇ is either P or A;
 X₈ is either R or K;
 X₉ is any amino acid;
 X₁₀ is either V or T;
 X₁₁ is either A or L;
 X₁₂ is either S, I or V;
 X₁₃ is either N or G ;
 X₁₄ is either P or A;
 X₁₅ is either Y or A;
 X₁₆ is either I or V;
 X₁₇ is either A or S;
 X₁₈ is either S, N or G;
 X₁₉ is either E or D;
 X₂₀ is either T or V;
 X₂₁ is either T or S;
 X₂₂ is either Q or E;
 X₂₃ is either D or E;
 X₂₄ is either R or K;
 X₂₅ is either L or V;
 X₂₆ is either S or A;
 X₂₇ is either Q or M;
 X₂₈ is either S or A;
 X₂₉ is either E or Q;
 X₃₀ is either E or D;
 X₃₁ is either N or S;
 X₃₂ is either L or M;
 X₃₃ is either K or R;
 X₃₄ is either A or N;
 X₃₅ is either V or I;
 X₃₆ is either C or V;
 X₃₇ is either S or A;
 X₃₈ is either E or D;
 X₃₉ is either H or N;
 X₄₀ is either A, V or L;
 X₄₁ is either K or R; and
 X₄₂ is either T, S or A.

Fig. 9



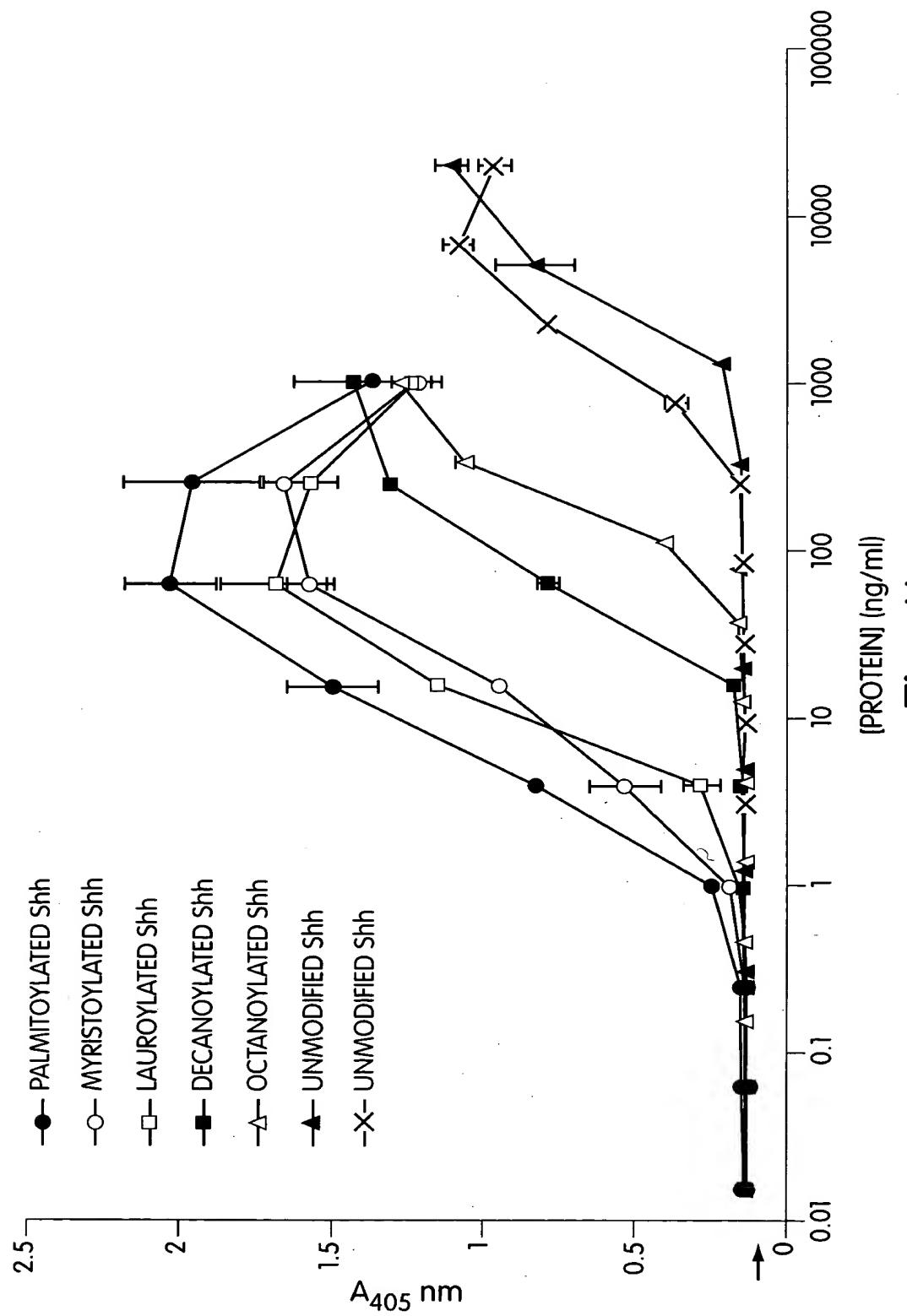
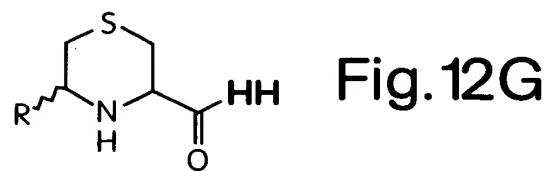
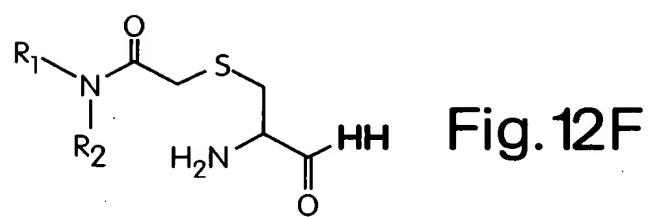
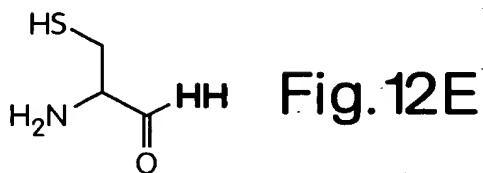
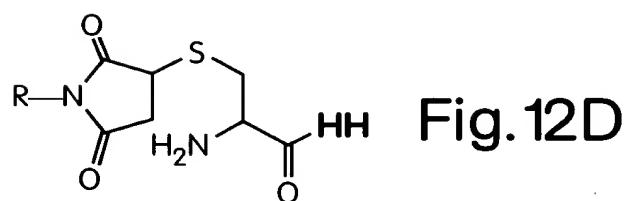
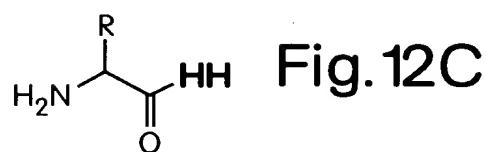
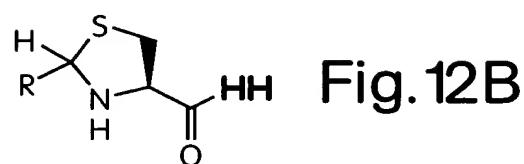
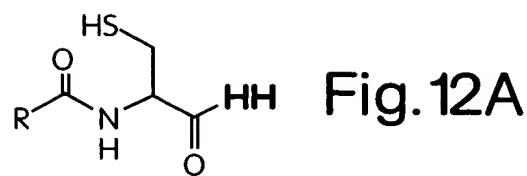
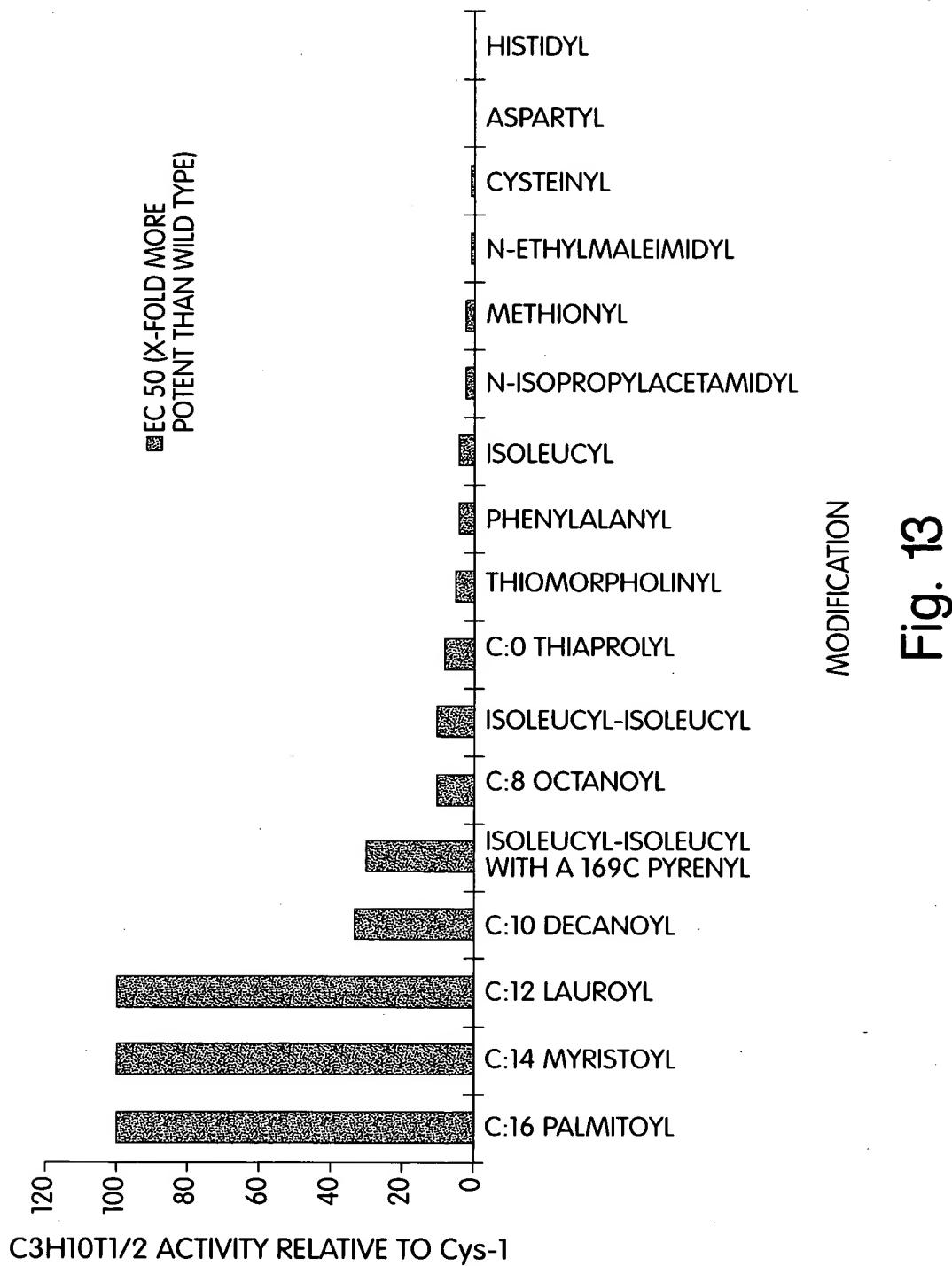


Fig. 11





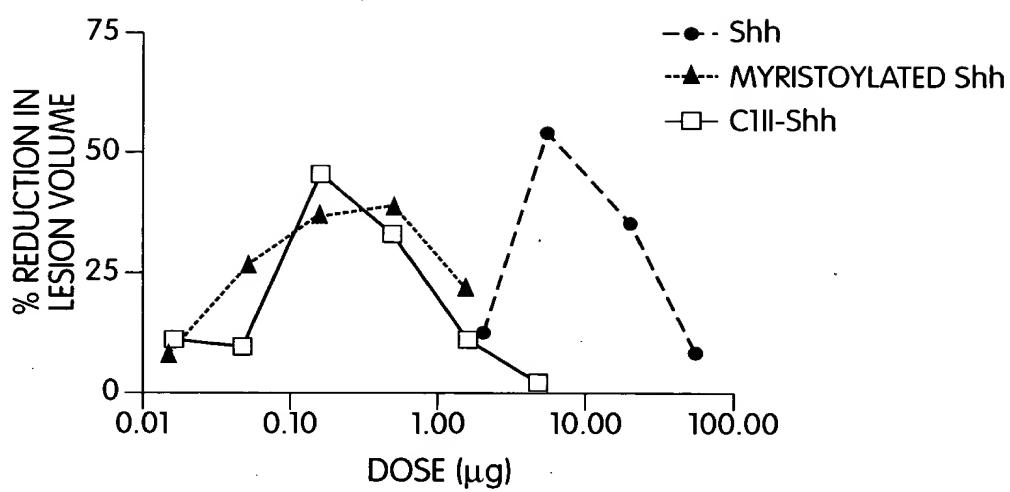


Fig. 14

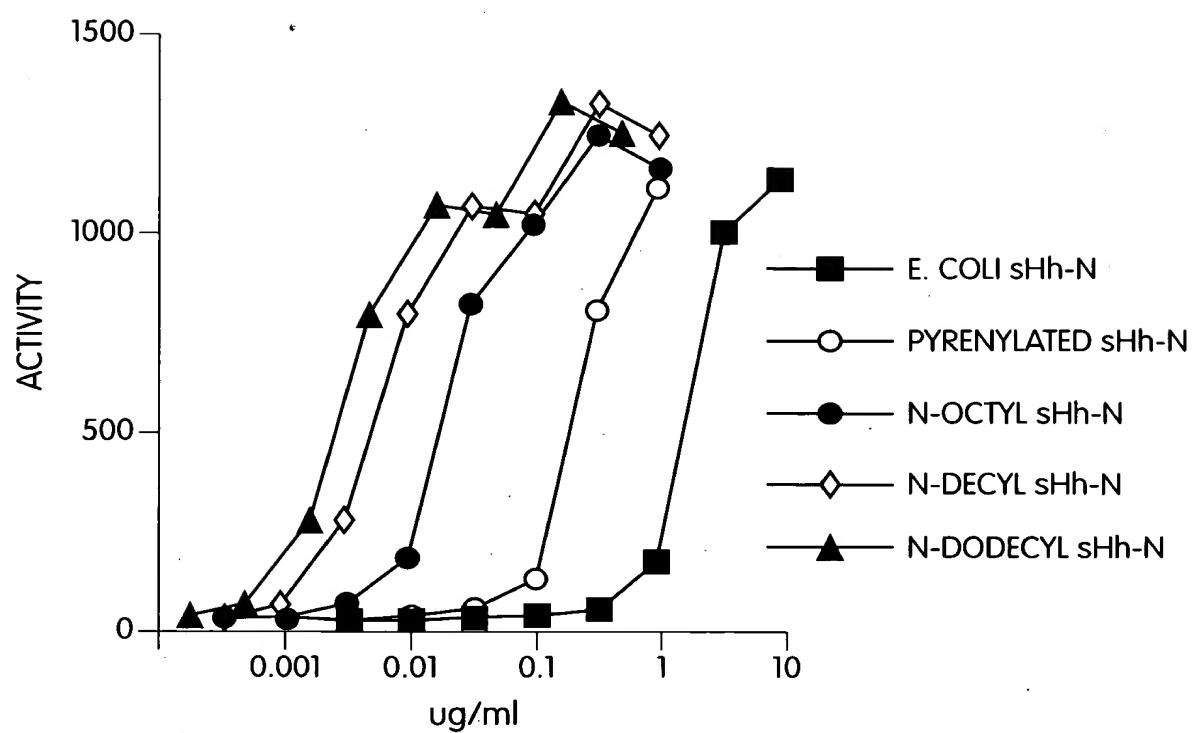


Fig. 15